

**UNION  
COMMUNITY**

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REF NO.	FA-0510-005
DATE	2009.12.03
FAX TO	
ATTN.	
SUBJECT	Applying Ferrite Core to RJ45 Cable

We should apply a Ferrite Core (ZCAT1730-0730A) to a RJ45 Cable when we sell a product.

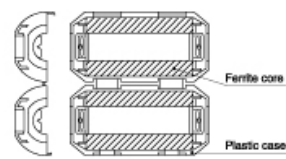
UNION COMMUNITY Co., Ltd.

Y.S SIN  
President





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<p><b>EMC Components</b></p> <p><b>Clamp Filters (Ferrite Core with Case)</b></p> <p>Part Number : <b>ZCAT1730-0730A</b></p> <p>Product Name : <b>Clamp Filters</b></p> <p>TDK Series Name : <b>ZCAT Series</b></p> <p>Application :</p> <p><b>Personal computers, word processors, monitors, hard disk drives, digital telephones, audio devices, electronic musical instruments, video games, copiers and facsimiles.</b></p> <p>Function :</p> <p><b>A type means Cable fixed type( hold the cable to secure it with the main body).Ferrite core provides excellent absorption of high-frequency EMC.Highly effective as countermeasure against common mode EMC without adverse effect on signal quality.Large core size prevents saturation during large signal surges.</b></p> <p>Description :</p> <p><b>Unique plastic case ensures simple, convenient installation and includes a self-holding mechanism to prevent slippage on cables.</b></p> <p><a href="#">Submit Sample Request</a></p> <p><a href="#">Check Distributor Inventory</a></p> <p> <a href="#">Print Page</a></p> <p> <a href="#">Download Adobe PDF Viewer</a></p>	<p><b>ZCAT INTERNAL CONSTRUCTION</b></p>  <p style="text-align: center;">&lt; Prev   <a href="#">Open PDF file</a>   Next &gt;</p>
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Property Name	Property Description
Product Lifecycle Stage	<b>Production</b>
Part Number Replacement	<i>No Data Available.</i>
Surface Mount	<b>No</b>
Lead (Pb) Free	<b>Yes</b>
Body Length (L)	Nom <b>30</b> mm
Outside Diameter Nom	Nom <b>16.5</b> mm
Inside Diameter Nom	Nom <b>7</b> mm
Body Height (T)	Nom <i>No Data Available.</i>
Cable Diameter	<b>4 to 7</b> mm
Cable Type	<b>Round/Oval Cable</b>
Impedance	Min <b>40</b> Ohm
Frequency of Impedance	Nom <b>10</b> MHz
Category Temperature Range	Min <b>-40</b> Cel Max <b>85</b> Cel
Storage Temperature Range	Min <b>-40</b> Cel Max <b>85</b> Cel
Packing	<b>Box</b>
Minimum Package Qty	Nom <b>840</b> Pcs
Minimum Order Qty	Nom <b>840</b> Pcs
Weight	Nom <b>12</b> g

Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects an overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of any intermediate or end user different from or in addition to the specifications set forth in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in, or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").

